



Department of Energy

Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155



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DEC 28 2004

Mr. James A. Saric, Remedial Project Manager  
U.S. Environmental Protection Agency  
Region V-SR-6J  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590

DOE-0104-05

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
401 E. 5<sup>th</sup> Street  
Dayton, OH 45402-2911

Dear Mr. Saric and Mr. Schneider:

**TRANSMITTAL OF REVISION 0 (CERTIFIED FOR CONSTRUCTION) DESIGN  
PACKAGE FOR STAGE TWO OF THE CONVERTED ADVANCED WASTE WATER  
TREATMENT PROJECT**

Enclosed for your information are the Revision 0 Certified-for-Construction Drawings and Specifications for Stage Two of the Converted Advanced Waste Water Treatment (CAWWT) Project.

Stage One of the project included all of the work to convert the AWWT Phase III wastewater treatment equipment to allow for shut down of the AWWT Phase I and II for the decontamination and demolition. Stage Two includes removing the out of service AWWT Phases I and II equipment from the CAWWT area, closing up the remaining building, and relocating utilities and support facilities into the vacated space.

There are some unfinished design details that will be completed, as they are needed. The Design Change Notice procedure will be used for review and documentation. Unfinished design includes:

1. Sanitary Sewage Treatment - The Stage Two design includes a sewage lift station providing pumping to either an engineered storage tank or septic treatment system. This item is currently under discussion with Ohio EPA.

Mr. James A. Saric  
Mr. Tom Schneider

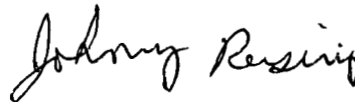
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2. Lined soil excavation for stormwater and backwash water management) - Preliminary engineering parameters are a basin of about 250,000 gallon capacity with a pair of pumps rated at 125 gallons per minute at 75 feet total dynamic head. Detailed design will be completed when soil excavation design for the area immediately south of CAWWT is more defined in early 2005.
3. Parking Lot - Location and size are to be determined.

If you have any questions regarding this transmittal, please call Johnny Reising at 513-648-3139 or Dave Lojek at 513-648-3127.

Sincerely,



for William J. Taylor  
Director

FPC:Lojek

Enclosure: As Stated

cc w/enclosures:

T. Schneider, OEPA-Dayton (three copies of enclosure)  
G. Jablonowski, USEPA-V, SR-6J  
M. Cullerton, Tetra Tech  
M. Shupe, HSI GeoTrans  
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

F. Bell, ATSDR  
R. Vandegrift, ODH  
J. Reising, OH/FCP  
K. Alkema, Fluor Fernald, Inc./MS01  
D. Carr, Fluor Fernald, Inc./MS77  
J. Chiou, Fluor Fernald, Inc./MS64  
E. Henry, Fluor Fernald, Inc./MS52-5  
W. Hertel, Fluor Fernald, Inc./MS52-5  
M. Jewett, Fluor Fernald, Inc./MS01  
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D. Powell, Fluor Fernald, Inc./MS64  
ECDC, Fluor Fernald, Inc./MS52-7